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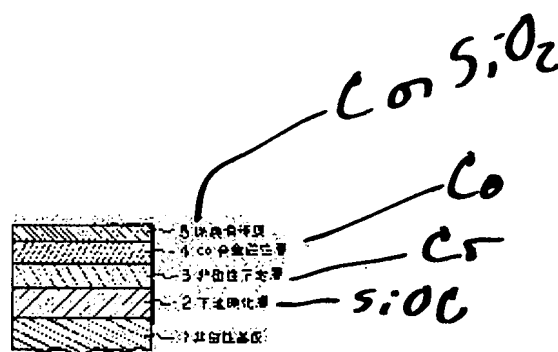
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(54) MAGNETIC RECORDING MEDIUM

(57)Abstract:

PURPOSE: To obtain a magnetic disk which the high corrosion resistance and good contact start-stop characteristic by superposing an underlying cured layer consisting of a nonmagnetic oxide and a thin ferromagnetic metallic film on a nonmagnetic substrate and coating the film with a protective film.

CONSTITUTION: Al, etc., are used as the substrate 1 and about 10 to 20 μ m nonmagnetic oxide SiOC or SiON in formed as the underlying cured layer 2 by an ion beam vapor deposition method. An underlying Cr layer 3 is then provided to 1.000 to 2.000 \AA ; thereon by a sputtering film forming method and in succession, ConiCr, etc., are formed as a magnetic Co alloy film 4, to about 300 to 800 \AA ; thereon by the sputtering film forming method. C or SiO₂ is formed as a protective lubricating film 5 to about 400 to 600 \AA ; thereon by the sputtering method. The resulted magnetic recording medium has the high corrosion resistance and the good contact start-stop characteristic as well according to this constitution.



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